

AHMS Phase 1 Status - Overall Performance

Technical: **G**, Schedule: **R**, Cost: **Y** **OVERALL: Yellow**

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- Technical
 - Unit AF48, the first Phase 1 certification unit, was shipped from Honeywell on February 19 to the Hardware Simulation Lab at MSFC, where it will be used to support flight software V&V. The unit will then be shipped to SSC to support hot-fire engine testing that is now scheduled to begin late March 2005.
- Schedule:
 - Working schedule reflects additional 10 day slip in "Ready for First Flight" milestone from 1/31/05 to 2/9/05. Slip caused by SSC test schedule delays in testing flight engine 2057.
- Cost:
 - Budget overrun continues into FY04 due to extended integration testing and additional software staffing
 - CR S071886BQ approved by Shuttle Program on 2/25 to reallocate unencumbered AHMS Program reserve to SSME Project

ASK	TECH	SCHED	COST	REMARKS / STATUS
ect it	G	R	G	Exploring two schedule recovery options. 1) Accelerate test rate by utilizing test stand A1, 2) Reassess the existing number of certification tests with possibility of reducing the number.
em Eng	G	G	G	No Systems Engineering issues.
t H/W	G	Y	Y	No new issues identified. AF48 successfully completed acceptance testing and was shipped from Honeywell to HSL at MSFC for software V&V.
t S/W	G	Y	Y	Team has resolved all Honeywell audit findings on software test procedures. V&V testing continues on "redline active" software and on "first flight" increment of software.
nd Ops	G	Y	G	Delay in receipt of PT40 is impacting KSC KATS schedule.
cle	G	G	G	No Vehicle Integration issues.